

# PRORESTORE

PRODUCTS

## SAFETY DATA SHEET

### 1. IDENTIFICATION AND COMPANY IDENTIFICATION

Product name: Microban BotaniClean  
Formula code: F1172  
Customer Code: 224002000

**Supplier:**  
ProRestore Products  
1016 Greentree Road  
Suite 115  
Pittsburgh, PA 15220

General Information: 800-932-3030  
Emergency information (Infotrac): 800-535-5053

Recommended Use Disinfectant, Deodorizer, Cleaner

### 2. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion

#### Potential Health Effects

##### Acute toxicity

**Eyes: May cause irritation with direct contact.**

EPA toxicity category for ocular irritation is Class IV –no irritation

**Skin** Not irritating to the skin.

**Inhalation** May cause irritation, not expected when used as directed.

**Ingestion** Ingestion of large quantities may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Chronic Effects** No known effect based on information supplied.

**Aggravated Medical Conditions** Preexisting eye disorders. Skin disorders. Respiratory disorders.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Thymol	89-83-8	0.051

WHMIS INGREDIENT DISCLOSURE LIST – No ingredients above reportable quantities

### 4. FIRST AID MEASURES

**General advice** Show this material safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

<b>Eye contact</b>	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if irritation develops or persists.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Use a mild soap if available. Call a physician if irritation develops or persists. If skin irritation persists, call a physician.
<b>Inhalation</b>	No specific first aid measures are required
<b>Ingestion</b>	No specific first aid measures are required.
<b>Notes to physician</b>	ALL TREATMENTS SHOULD BE BASED ON OBSERVED SIGNS/SYMPTOMS OF DISTRESS IN THE PATIENT. THE POSSIBILITY OF OVEREXPOSURE TO MATERIALS OTHER THAN THIS PRODUCT SHOULD BE CONSIDERED

## 5. FIRE FIGHTING MEASURES

<b>Flammable Properties:</b>	Not Flammable Liquid
<b>Flash point:</b> (Pensky-Martens Closed Cup)	None to boiling
<b>Suitable extinguishing media:</b>	Suitable to origin of fire.

### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up

## 7. HANDLING AND STORAGE

<b>Handling Procedures:</b>	Do not contaminate food, feed, or water by storage or disposal. No special handling requirements.
<b>Storage Requirements:</b>	Keep container closed when not in use. Store at room temperature. Keep from freezing. Keep out of reach of children.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering Measures:** None normally required. No special ventilation requirements.

**Personal Protective Equipment:**

**Hand Protection** None required.

**Eye/Face Protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** None required.

**Hygiene measures:**

When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state</b>	Liquid
<b>Odor</b>	Aromatic, slightly citrus
<b>Color</b>	Slightly hazy liquid
<b>Explosive properties</b>	no data available

### **Other information**

<b>Volatile organic compounds content:</b>	<.025%
<b>Melting/freezing point:</b>	As water
<b>Property Values</b>	
<b>pH</b>	3.5 ± 0.5
<b>Boiling point/boiling range</b>	over 212 F
<b>Flash Point</b>	None to Boiling
<b>Evaporation rate</b>	no data available, as water
<b>Vapor density</b>	no data available
<b>Specific Gravity (water =1)</b>	0.99 -1.01
<b>Water solubility</b>	Soluble in water

## 10. STABILITY AND REACTIVITY

<b>Stability/Reactivity</b>	Stable under recommended storage conditions.
<b>Incompatible products</b>	None known based on information supplied.
<b>Conditions to Avoid</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	None
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Oral LD50 (rat) > 5 g/kg body weight Dermal LD50 (rabbit) > 5 g/kg body weight Inhalation LC50 (of 256 concentrate) > 5.65 mg/liter for 4 hours
<b>Carcinogens:</b>	No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

<b>Persistence and degradability:</b>	No known or expected environmental concerns
<b>Bioaccumulative potential</b>	No known or expected environmental concerns.
<b>Mobility</b>	No known or expected environmental concerns.
<b>Other adverse effects</b>	No known or expected environmental concerns.

## 13. DISPOSAL INFORMATION

### Waste treatment methods

<b>Disposal of Wastes</b>	<b>Pesticide disposal:</b> Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. <b>Container Handling:</b> Non-refillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap container and put in trash or offer for recycling, if available.
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## 14. TRANSPORTATION INFORMATION

<b>DOT</b>	Not Regulated as Dangerous Goods
<b>TDG</b>	Not Regulated as Dangerous Goods
<b>MEX</b>	Not Regulated as Dangerous Goods
<b>IATA</b>	Not Regulated as Dangerous Goods
<b>IMDG</b>	Not Regulated as Dangerous Goods
<b>Marine pollutant</b>	This product is not a marine pollutant according to IMDG/IMO

## 15. REGULATORY INFORMATION

<b>HMIS CLASSIFICATION</b>	(H, F, R, PE): 0,0,0, NONE
<b>WHMIS Classification (Canada):</b>	<b>Non-Hazardous</b> under <b>WHMIS</b>

### International Inventories

<b>TSCA</b>	All components of this product are on the TSCA inventory
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DSL

All components are listed

**U.S. Federal Regulations**

**SARA** – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

**Toxic Substances Control Act (TSCA)** – All the ingredients are listed

**California Proposition 65** – No ingredients listed.

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40CFR 122.42).

**CERCLA**

This material, no substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

**U.S. EPA Label Information:**

**EPA Pesticide Registration Number:** 34810-25-70385

**EPA Statement**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**EPA Pesticide Label**

Keep out of reach of children.

**International Regulations**

**Canada**

This product when tested as a whole is not a controlled substance within the meaning of the Hazardous Products Act. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health hazard 0</b>	<b>Flammability 0</b>	<b>Stability/Reactivity 0</b>	<b>Physical and chemical hazards 0</b>
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<b>HMIS</b>	<b>Health Hazard 0</b>	<b>Flammability 0</b>	<b>Physical Hazard 0</b>	<b>Personal protection None</b>
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**Revision Date** 11/14/2013

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Material Safety Data Sheet